WHO WE ARE

Faculty of Information Science and Technology in Universiti Kebangsaan Malaysia offers various computing programmes. However, the Master of Cyber Security is uniquely designed for special individuals and their organization’s needs.

We team with CyberSecurity Malaysia to ensure best knowledge delivery.

ENTRY REQUIREMENTS

A bachelor degree in Computing, with minimum CGPA of 2.75 from Universiti Kebangsaan Malaysia or other universities recognised by the UKM Senate;

OR

Other relevant professional/vocational qualifications which is recognised as equivalent to an honours degree by the UKM Senate with relevant working experience in computing.

English Requirement
Minimum score 550 for TOEFL OR 5.5 for IELTS for international students.

Intake: September & March

CONTACT US

Associate Prof. Dr. Masnizah Mohd
Masters by Module coordinator

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MASTER OF CYBER SECURITY
In collaboration with CyberSecurity Malaysia

In Collaboration With
CyberSecurity
Malaysia
An agency under MOSTI
The courses are offered in collaboration with the prestigious CyberSecurity Malaysia and are designed to accommodate enthusiastic Computing Executives.

LEARNING OUTCOME

At the end of the programme the graduates are able to:

- Employ basic and advanced knowledge in principles, theories and scientific methods for effective solutions to cyber security problems.
- Protect the organizational cyber assets as well as to plan, strategize and launch cyber counter-attack.
- Implement a cyber security management standard for organization.
- Supervise, communicate and work in team and have entrepreneur minded.
- Embrace cyber ethics values and continuously explore knowledge through lifelong learning.

STRUCTURE AND CONTENT

<table>
<thead>
<tr>
<th>STRUCTURE</th>
<th>COURSE CREDIT</th>
<th>COURSES</th>
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<tbody>
<tr>
<td>Compulsory</td>
<td>16 credits (equivalent to 4 courses)</td>
<td>01 TX6114 Computer Security</td>
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<td>02 TX6124 Network Security</td>
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<td></td>
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<td>03 TX6134 Cyber Law and Ethics</td>
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<td>04 TX6144 Information Security Management</td>
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<tr>
<td>Electives</td>
<td>12 credits (equivalent to 3 courses)</td>
<td>Choose three (3) courses from the following list:</td>
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<tr>
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<td>01 TX6224 Intrusion Detection and Prevention</td>
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<td>02 TX6244 Ethical Hacking and Penetration Testing</td>
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<td>03 TX6254 Security Audit and Assessment</td>
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<td>04 TD6104 Fundamental of Digital Forensics</td>
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<td>05 TD6314 Digital Media Forensic Analysis</td>
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<td>06 TD6214 Data Recovery and Analysis</td>
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<tr>
<td>Project</td>
<td>12 credits</td>
<td>TX609C Project</td>
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<td>TOTAL</td>
<td>40 CREDITS</td>
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TEACHING APPROACH

By considering enthusiastic executives as our main audience, the courses are designed in such a way that face to face learning is done in 5 full days which include active learning, lab activities, discussion and case studies. Whilst the assignments need to be completed in the next 3 weeks for full-time or 6 weeks for part-time students.

The ongoing assessment contributes to 60%-70% of the overall marks and the remainder is from final examination.

DURATION OF STUDIES

- Full Time: 2 - 4 semester
- Part Time: 4 - 8 semester